WHAT IS CLAIMED IS:

1.   A computer system comprising a first network, a first computer connected to the first network, a second network connected to the first network, and a second and third computers connected to the second network, the first computer comprising:

a communication interface for connecting the first computer to the first network;

a disk storage device for storing data;

a disk interface for communicating data with the disk storage device;

a CPU for controlling the first computer; and

a memory for storing data and a program for operating the CPU,

wherein the program includes:

a module for recording situations of access to a file stored in the disk storage device from the third computer;

a module for designating the file as a candidate for migration to the second computer depending on the access situations;

a module for transmitting a migrator acceptor search packet to the second computer for inquiring whether or not the second computer can accept the file;

a module for receiving a reply packet from the second computer as a response to the migrator acceptor search packet; and

a module for transferring the file to the

second computer.

2.   A computer system according to claim 1, wherein:

the memory stores a path of the file accessed by the third computer associating it with information on the access situations of the third computer, and

the program includes a module for designating the file corresponding to the access situation information as the candidate for migration when the information satisfies a predetermined condition.

3.   A computer system according to claim 2, wherein the program includes a module for transmitting an advertisement packet, indicating the file has been transferred to the second computer, to the second network.

4.   A computer system according to claim 3, wherein:

the third computer comprises a memory for storing data and a program, and

the program includes a module for receiving the advertisement packet and a module for making access to the second computer for the file according to the advertisement packet.

5.   A computer system according to claim 1, wherein:

the first network is further connected to a third network, and

the program includes a module for

transmitting the migrator acceptor search packet to the third network when no computer suitable for accepting the file is found in the second network.

6.   A second computer which is connected to a second network capable of communicating with a first network and which makes access to a file of a first computer connected to the first network, comprising:

an interface for connecting the second computer to the second network;

a CPU for controlling the second computer; and

a memory for storing data and a program for operating the CPU, wherein:

after reception, from the interface, of a path name to a third computer as a destination of the file transferred from the first computer, the CPU makes access to the file via the interface using the path name.

7.   A second computer according to claim 6, wherein the third computer is a computer connected to the second network.

8.   A second computer according to claim 6, wherein:

the memory stores a path name to the first computer and the path name to the third computer associating them with each other, and

the CPU makes access to the file via the

interface using the path name to the third computer by referring to the memory.

9.   A first computer which is connected to a first network capable of communicating with a second network including second and third computers and which has a file accessed by the third computer, comprising:

a communication interface for connecting the first computer to the first network;

a CPU for controlling the first computer;

a disk storage device for storing data;

a disk interface for communicating data with the disk storage device; and

a memory for storing data and a program for operating the CPU,

wherein the program includes:

a module for recording situations of access to a file stored in the disk storage device from the third computer;

a module for designating the file as a candidate for migration to the second computer depending on the access situations;

a module for transmitting a migrator acceptor search packet to the second computer for inquiring whether or not the second computer can accept the file;

a module for receiving a reply packet from the second computer as a response to the migration admittance packet; and

a module for transferring the file to the

second computer.

10.   A second computer which is connected to a second network capable of communicating with a first network and which receives data from a first computer connected to the first network, comprising:

a communication interface for connecting the second computer to the second network;

a CPU for controlling the second computer;

a disk storage device for storing data;

a disk interface for communicating data with the disk storage device; and

a memory for storing data and a program for operating the CPU,

wherein the program includes:

a module for receiving a migrator acceptor search packet inquiring acceptability of a file from the first computer;

a module for generating a migration admittance packet as a response to the migration admittance packet; and

a module for transmitting the reply packet to the first computer.

11.   A program stored in a memory of a second computer which is connected to a second network capable of communicating with a first network and which makes access to a file of a first computer connected to the first network, comprising:

a module for making access to the file via an

interface of the second computer to the second network using a path name after reception of the path name to a third computer as a destination of the file transferred from the first computer.

12.   A program stored in a memory of a first computer which is connected to a first network capable of communicating with a second network including second and third computers and which has a file accessed by the third computer, comprising:

a module for recording situations of access to the file of the first computer from the third computer;

a module for designating the file as a candidate for migration to the second computer depending on the access situations;

a module for transmitting a migrator acceptor search packet to the second computer for inquiring whether or not the second computer can accept the file;

a module for receiving a migration admittance packet from the second computer as a response to the migration admittance packet; and

a module for transferring the file to the second computer.

13.   A program stored in a memory of a second computer which is connected to a second network capable of communicating with a first network and which receives data from a first computer connected to the first network, comprising:

a module for receiving a migration admittance search packet inquiring acceptability of a file from the first computer;

a module for generating a migration admittance packet as a response to the migrator acceptor search packet; and

a module for transmitting the migration admittance packet to the first computer.